If you are experiencing technical difficulties with the audio, please connect with a landline or cell phone.

- Under “Select Audio Connection” choose one of the following:
  1. “Call Me” or;
  2. “I Will Call In”

- Follow the instructions
- Use the Q&A box for questions
2022 Transformation Competition
Letter of Intent to Apply (LOI)

Applicant Webinar
November 2021
Webinar Contents

1. Competition Timeline
2. Funding Opportunity Description
3. Eligibility and Roles
4. LOI Requirements
5. Evaluation Criteria
6. Review Process
7. Information for RGOs
8. Resources and Questions
Competition Timeline
2022 Transformation
Competition Timeline

Competition stages

Three-stage competition
1. Notice of Intent to Apply (NOI)
2. Letter of Intent to Apply (LOI)
3. Full Application
Competition Timeline

**Important dates**

- **January 11, 2022**
  - Letter of Intent deadline

- **September 20, 2022**
  - Full application deadline (by invitation)

- **February 2023**
  - Results announced

- **March 2023**
  - Awards begin
Funding Opportunity Description
2022 Transformation
Funding Opportunity Description

2022 Transformation - Objective

To support large-scale, Canadian-led interdisciplinary research projects that address a major challenge, and have the potential to realize real and lasting change.

The challenge the research addresses may be:

• fundamental, leading to a scientific breakthrough; or
• applied, with a social, economic, environmental or health impact

Projects are expected to be world-leading, and to draw on global research expertise when relevant.
2022 Transformation Description

Transformation grants will support projects that:

1. tackle a **well-defined** problem or challenge;
2. propose a **novel world-leading** approach;
3. are **interdisciplinary**; and
4. have the potential to be **transformative**

**Transformative research is defined as** having the potential to **create a significant and real change or impact**—a noticeable leap or tangible breakthrough rather than an incremental advance.
Funding Opportunity Description

2022 Transformation – Value and Duration

**Between $2M and $4M per year**, including indirect costs

Applicants may request up to 25% of the value of the direct costs of research to **cover indirect costs**

**Budget** must be in line with the objectives of the project

Funds should be used to **support research activities**, not to acquire or maintain infrastructure

**Duration:** six years

**Mid-term review** is mandatory

Number of awards depends on the amounts requested in successful applications (expect a minimum of six awards)
Eligibility and Roles
2022 Transformation
Eligibility and Roles

Subject matter

Projects may involve any discipline, thematic areas, approaches or subject areas eligible for funding across the three federal research funding agencies (CIHR, NSERC, and SSHRC).

Projects should engage the full range of disciplines required to achieve the project goals.

To meet the minimum requirement to be considered interdisciplinary, the proposed research project must include elements from at least two different disciplines (as defined by a group-level classification based on the Canadian Research and Development Classification codes).

Projects that fall under the mandate of only one federal research funding agency are not eligible.
Eligibility and Roles

Project Team

• Proposals must be submitted by teams of at least five participants (excluding collaborators)

• Teams must include a nominated principal investigator (NPI)

• Teams may include any number of co-principal investigators (co-PIs), co-applicants and/or collaborators
Eligibility and Roles

Team Roles

Nominated Principal Investigator (NPI)
• Responsible for the direction of the project and the coordination of proposed research activities
• Completes the NOI, LOI and full application in the Convergence Portal and submits them to their research administrator
• Assumes administrative and financial responsibility for the grant

Co-Principal Investigators (Co-PIs)
• Share responsibility with the NPI for the direction of the proposed activities
• May access grant funds

Co-Applicants
• Contribute to the execution of the project
• May access grant funds

Collaborators
• Can be any individual who will contribute to the project
• Contribute to the execution of the project
• Do not have access to grant funds
Eligibility and Roles

Project Team

The NPI and team members can be from any discipline(s)

The NPI must be considered an independent researcher at their primary affiliation, which must be a Canadian institution holding full eligibility with CIHR, NSERC or SSHRC

Other team members may be from any sector; however co-PIs and co-applicants may not be affiliated with a government or for-profit company (this restriction does not apply to collaborators)

Team members in academia must be considered independent researchers

Full- or part-time students, postdoctoral fellows or research associates are not eligible to participate as NPIs, co-PIs or co-applicants.
Eligibility and Roles

Independent researcher

An independent researcher

- engages in research-related activities that are not under the direction of another individual; and
- has an academic or research appointment that:
  - begins by August 1, 2022 for this competition;
  - allows the individual to pursue the proposed research project, engage in independent research activities for the entire duration of the funding,
  - supervise trainees (if applicable) and publish the research results; and
- obliges the individual to comply with institutional policies on the conduct of research, supervision of trainees (if applicable) and employment conditions of staff paid with tri-agency funding.
Eligibility and Roles

Early Career Researchers

Early career researchers (ECRs) must be included as confirmed members in all teams. An ECR is defined as a researcher within five years of the start date of their first research-related appointment, minus the length of any eligible delays in research (for example illness, maternity or parental), as of the first of the month of the competition launch (August 2021 for this competition), where:

- “research-related appointments” are defined as those where an individual has the autonomy to conduct research independently;
- all eligible leaves (such as maternity, parental, medical or bereavement) are credited at twice the amount of time taken; and
- professional leaves (such as training, sabbatical or administrative) are not credited.
Eligibility and Roles

Exceptions

A federal government employee and adjunct professor at a Canadian institution whose students are participating in the research project may be a co-applicant, with the use of funds limited to salaries or stipends and travel costs for the students.

A federal government employee and adjunct professor at a Canadian institution whose contributions to the project do not fall within the mandate of their federal organization and will not be performed within the employer’s facilities or with the employer’s resources may be a co-PI or co-applicant.

Individuals whose primary affiliation is with an Indigenous government are eligible to be co-PIs, co-applicants, or collaborators, with eligible expenses limited to those related to the execution of the project that are not within the mandate of the Indigenous government.

Refer to the Eligibility section of the competition description
LOI Requirements
2022 Transformation
LOI Requirements

**Letter of Intent to Apply deadline**

An NPI is eligible to create and submit an LOI only if they have submitted an NOI.

LOI deadline for submission to NFRF:  

**January 11, 2022**

Check with the research grants office (RGO) at your institution for internal deadlines.

The RGO is responsible for submitting the LOI by 8:00 p.m. (ET) on the deadline date.

- Late LOIs will not be accepted.
- An LOI cannot be changed after the RGO has submitted it.
LOI Requirements

Required information on the Convergence Portal

1. Profiles for any additional members of the research team.
   Members identified at NOI are expected to remain on the team;
   Complete profiles include:
   • Completed eligibility profile
   • Fields of research and keywords
   • EDI self-identification

2. Letter of Intent Content
   All information submitted in the NOI, updated as necessary, as well as:
   • Collaborators (any changes)
   • Reviewers (suggestions and exclusions)
   • Proposed budget
   • Gender based analysis plus (GBA+)
   • Equity, Diversity and Inclusion (EDI)
   • Support for ECRs
   • Supporting documents
LOI Requirements

Collaborators and Suggested Reviewers

Collaborators can be added or deleted.

A minimum of 20 suggested reviewers should have the required expertise to review and comment the proposal, and not be in a conflict of interest with team members. At least 10 must be from outside Canada.

Indicate any individuals who should not be asked to review the proposal.

Suggest a diverse cross-section of reviewers:

- Canadian and international
- early-career and established
- women and other under-represented groups
- from academic and non-academic institutions
LOI Requirements

Proposed Budget

Planned amount of funds to be spent in direct and indirect costs for each year of the project.

Refer to Use of Grant Funds section for information about the eligibility for direct costs.

Please contact your research administrator for direction on how much to request for indirect costs.
LOI Requirements – GBA+

Gender-Based Analysis Plus (GBA+)

Are GBA+/SGBA considerations appropriate and have they been integrated into the proposed research?

• If they are considered appropriate, **but not integrated**, **you will be unable to submit your application**

• If GBA+/SGBA considerations are not deemed appropriate, **provide an explanation**

**GBA+ is assessed under the Feasibility criterion**

• The GBA+ analytical process is related to the research **project design**.
LOI Requirements – EDI

Equity, Diversity and Inclusion

Applicants must clearly demonstrate their commitment to EDI in their research teams, as well as diversity as it applies to career stages, sectors and institutions.

They must explain what actions they will take, the outcomes expected, and the assessment planned for each of the following three key areas:

• team composition and recruitment processes;
• training and development opportunities; and
• inclusion.

Actions taken are expected to remove barriers and provide opportunities for the meaningful integration of individuals from all groups, including the four designated groups (women, Indigenous Peoples, members of visible minorities and persons with disabilities).

Resources

• NFRF EDI Webinar, Recorded Sept. 2021
• Best Practices in Equity, Diversity and Inclusion in Research
LOI Requirements – ECR

Support for Early Career Researchers (ECRs)

How will ECRs be included in the team and integrated in a meaningful way, including plans to support their leadership and development throughout the project?

EDI and ECR criteria
• Related to team members’ practices

Personal information about any individual must not be included in the GBA+, EDI, and ECR sections.
LOI Requirements

Collection of personal information

Personal information is collected for the purpose of program performance management.

Self-identification data collected as part of the user profile is not shared with reviewers, and is limited to agency staff on a need to know basis.

Please consult the data collection policy for more information.
LOI Requirements

Supporting documents

Uploaded as separate attachments following the instructions for attachments.

- **Research proposal** should address
  - Novelty of approach
  - Interdisciplinarity
  - Feasibility
  - Anticipated transformation/change/impact

- **References** (unlimited)

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You must preview all attachments to ensure that the documents have been uploaded correctly and the content is viewable.

Non-compliance with the required page length or formatting may result in a withdrawal of an application.
Locked at the Full Application Stage

- Application Details
  - Application Title
  - Language of Application
  - Indigenous Research
- Fields of Research
- Keywords
- Project Description
  - Outline of Challenge
- GBA+
- EDI
- Early Career Researchers (ECRs)
Evaluation Criteria
Transformation 2022
Evaluation Criteria

Five Selection Criteria

- Interdisciplinarity (pass/fail)
- Equity, diversity and inclusion and support of early career researchers (EDI / ECR) (pass/fail)
- High risk (20%)
- High reward (60%)
- Feasibility (20%)

Note that in the Transformation stream, criteria are assessed at the LOI and the Full Application stages and the weighting of criteria changes between stages.
Evaluation Criteria

Interdisciplinarity

Projects must integrate different disciplinary approaches to bring a novel perspective to address the research challenge, and fall within the mandate of more than one funding agency as per the evaluation matrices.

Proposals must explain how the disciplinary perspectives, methodologies, and techniques will be integrated and must demonstrate that the team has the required expertise to execute the interdisciplinary approach.

The proposal must also explain why an interdisciplinary approach is required and/or the added value of this approach to the research problem.

Multidisciplinary research = juxtaposing, coordinating

Interdisciplinary research = integrating, synthesizing
Evaluation Criteria

Disciplinarities: multi, inter, and trans

- **Multidisciplinary**: people from different disciplines working together, each drawing on their disciplinary knowledge
- **Interdisciplinary**: integrating knowledge and methods from different disciplines, using a real synthesis of approaches
- **Transdisciplinary**: creating a unity of intellectual frameworks beyond the disciplinary perspectives
Multidisciplinary versus Interdisciplinary Teams

**Multidisciplinary Teams**
Each member operates as a part of a chain of responsibility

Members working in silos, by disciplines

**Interdisciplinary Teams**
Individuals from different fields are expected to contribute ideas to the entire project

Members listen and learn from others
Evaluation Criteria

Equity, diversity and inclusion (EDI) and support of early career researchers

EDI is a core element of the NFRF program. In the Transformation stream, the EDI criterion also considers early career researchers (ECRs).

Applicants must clearly demonstrate their commitment to EDI.

**Actions proposed are expected to:**

- remove barriers and
- provide opportunities for the meaningful integration of individuals from all groups, including the four designated groups (women, Indigenous peoples, members of visible minorities and persons with disabilities)

Refer to the **NFRF Best Practices in Equity, Diversity and Inclusion in Research**
Evaluation Criteria

High Risk

**High risk**, in the context of the Transformation stream, refers to the novelty of the proposed approach to the challenge.

Proposals will have to explain

• why the project is **novel**, as it relates to the latest methods, concepts, information, and techniques;

• how the approach builds on and benefits from **expertise and resources** across Canada and/or internationally;

• what makes the approach **world-leading**; and

• why the approach is expected to lead to **real change**.
Evaluation Criteria

High Reward

**High reward** is defined as the potential to create a significant and real change or impact — to be transformative.

Applications must explain the anticipated change or impact that is likely to result and its significance.

Proposals must also outline the major short-, medium- and long-term changes that are expected, the likelihood of their achievement, and who (or what) will be affected by the changes.
Evaluation Criteria

**Feasibility**

Feasibility covers the plan and the ability to execute the activities. It considers elements such as the:

- problem or challenge being addressed;
- proposed approach, including GBA+/SGBA when appropriate;
- knowledge, expertise and capacity of the team;
- workplan and timeline;
- engagement and collaboration with First Nations, Inuit and Métis peoples (for Indigenous research) when appropriate; and
- suitability of the research environment (i.e., access to required infrastructure);

For more information on the criteria refer to the [evaluation matrices](#).
LOI Requirements

Submitting the Letter of Intent

Review your LOI to ensure that it is complete. From the Finalize Application section in the Convergence Portal, follow the prompts to submit the LOI. After you accept the terms and conditions, the status of your submission will change to Received by Administrator. If you want to make any changes at this point, you may request that your research administrator return it to you.

Once your research administrator has approved and submitted your LOI, the application status will be changed to Received by Agency. No changes can be made at that point.
Review Process
Transformation 2022
Review Process Overview

**NOI**

- **Internal review**
  
  To help staff identify reviewers

**LOI**

- **Multidisciplinary/multisectoral review panel evaluation**

  Focus on the idea

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<th>p/f</th>
<th>20%</th>
<th>60%</th>
<th>20%</th>
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<tbody>
<tr>
<td>EDI/ECR</td>
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<td>Interdisciplinarity</td>
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<td>High risk</td>
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Top-rated proposals invited
Review Process Overview

**NOI**
- **Internal review**
  - To help staff identify reviewers

**LOI**
- **Multidisciplinary/multisectoral review panel evaluation**
  - Focus on the idea
  - EDI/ECR: p/f
  - Interdisciplinarity: p/f
  - High risk: 20%
  - High reward: 60%
  - Feasibility: 20%
  - Top-rated proposals invited

**Expert Panel review**
- Consensus summary report

**Full Application**
- **Multidisciplinary/multisectoral review panel evaluation**
  - Focus on feasibility
  - EDI/ECR: p/f
  - Interdisciplinarity: p/f
  - High risk: 25%
  - High reward: 25%
  - Feasibility: 50%
  - Top-rated proposals invited (max. 12)

- **Jury review**
  - Broad assessment
  - Applications recommended for funding
Review Process

Evaluation matrices

High Risk, High Reward and Feasibility are evaluated using a seven-point scale

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<tr>
<th>Exceptional</th>
<th>Excellent</th>
<th>Very Good</th>
<th>Good</th>
<th>Fair</th>
<th>Inferior</th>
<th>Poor</th>
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For more information on the criteria refer to the evaluation matrices
Information for RGOs
2022 Transformation
Information for RGOs

RGO Role

RGOs can, in the Convergence Portal:

- **view** NOIs, LOIs, and full applications from NPIs at their institution (including those that are expired, in progress, and submitted)
- **return** submitted NOIs, LOIs, and full applications to the NPI
- **forward** submitted NOIs, LOIs, and full applications to the agency

Before forwarding an application to the agency, the RGO will be asked to confirm:

- that the **participants** meet the eligibility requirements
- that the **proposed research project** meets the eligibility requirements
Information for RGOs

RGO Role

By forwarding the application, the RGO will also be certifying on behalf of the institution, that the NPI

- is (or will be) affiliated with the institution or organization
- has the necessary time and resources to carry out the activity
- will email NFRF-FNFR@chairs-chaires.gc.ca of any changes during the tenure of the grant, including changes in the composition of the team, such as the addition of new co-PIs, co-applicants, or collaborators
Information for RGOs

RGO role

RGOs can use the Research Administrator button to access their institution’s applications.

If you are an RGO and you don’t see the button, please contact websupport@chairs-chaires.gc.ca
Resources and Questions
2022 Transformation
Resources and Questions

Resources

Program-related questions:
NFRF-FNFR@chairs-chaires.gc.ca
Convergence Portal help:
websupport@convergence.gc.ca
613-995-4273

Program Links:
NFRF Website
EDI Guide
Competition Overview
LOI Guide
Reviewer Manual
Evaluation Matrices
Frequently Asked Questions
Resources and Questions

Questions